Abstract

Method for monitoring the bit transmission quality in packet-mode transmission

In connectionless switching as represented by IP packet switching, each packet is provided with a checksum for monitoring the bit transmission quality. At the receiving end, this checksum can be used only for stating that a transmission error has occurred somewhere in the entire transmission section (end-to-end). It is not possible, however, to detect the bit errors, which have occurred during the transmission process, section by section. To solve this problem, another check information item is formed which is included in the packet.

Figure 1